## INTERNATIONAL SEARCH REPORT

Intel | Application No PCT/IB2004/051419

A. CLASSIFICATION OF SUBJECT MATTER TPC 7 H03K17/14 H03K17/687

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
Х	US 5 952 869 A (FATTORI ET AL) 14 September 1999 (1999-09-14) column 2, line 52 - column 3, line 27; figure 3	1,2,8-10
X	US 5 422 588 A (WYNNE ET AL) 6 June 1995 (1995-06-06) column 3, line 36 - column 4, line 10; figures 3A,3B	1,2,8,10
X	US 3 657 575 A (KENJI TANIGUCHI ET AL) 18 April 1972 (1972-04-18) column 2, line 57 - column 4, line 65; figures 4,5	1,8,10
A	US 5 801_572 A (NAKAMURA ET AL) 1 September 1998 (1998-09-01) figures 1,7,10	1,10

Patent family members are listed in annex.
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of mailing of the international search report  11/05/2005
Authorized officer Santos, P

## INTERNATIONAL SEARCH REPORT

Intel al Application No
PCT/IB2004/051419

Category* Offetton of document, with Esticution, where appropriate, of the relevant passages  US 5 543 632 A (ASHLEY ET AL) 6 Aŭgust 1996 (1996–08-06) the whole document	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT									
			Relevant to claim No.							
	A	US 5_543 632 A (ASHLEY ET AL) 6 August 1996 (1996-08-06) the whole document	5,13							
	-									

## INTERNATIONAL SEARON REPORT

Thformation on patent family members

Intel al Application No PCT/IB2004/051419

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
US 5952869	A	14-09-1999	DE	19527486 A1	30-01-1997	
US 5422588	А	06-06-1995	NONE			
US 3657575	Α	18-04-1972	DE NL	2111979 A1 7103303 A	21-10-1971 15-09-1971	
US 5801572	Α	01-09-1998	JP JP	2790071 B2 8236755 A	27-08-1998 13-09-1996	
US 5543632	Α	06-08-1996	JP JP	2572510 B2 6097795 A	16-01-1997 08-04-1994	